Map of parcels at 33 kft on 04070821 influenced by convection 0.0 to 2.5 days earlier Squares indicate location of convectively influenced air -- influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 04070821 2.0 Days Since Convection 1.5 1.0 0.5 0.0 NASA/ARC **PSL** ast Image Used is 0407082045 1305 Trajectories

Map of parcels at 33 kft on 04070821 influenced by convection 2.5 to 5.0 days earlier Squares indicate location of convectively influenced air -- influence calculated only within black/box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 0407082 5.0 4.5 Days Since Convection 4.0 3.5 3.0 2.5 NASA/ARC PSL Last Image Used is 0407082045 1305 Trajectories



